

2015 Geospatial Summit

Invited Speaker Biographies (in order of presentation)

- **Dave Doyle / National Society of Professional Surveyors**

Dave Doyle is representing the National Society of Professional Surveyors. He is owner of Base 9 Geodetic Consulting Services, a small business providing technical support, seminars and workshops on a wide variety of geodetic topics, including datums and projects, datum transformations, GPS-derived heights and the foundational elements and future datum realizations of the NSRS. Mr. Doyle was an employee of the National Geodetic Survey for over 40 years, serving as one of the primary sources of geodetic technical support within NGS.

- **Marc Véronneau / Canadian Geodetic Survey**

Marc Véronneau is the Team Leader of the Gravity and Height Systems Unit at the Canadian Geodetic Survey of Natural Resources Canada. He joined the organization in 1988 where he focused primarily on the theory and development of geoid models. He led the implementation of the new geoid-based vertical datum in Canada. He has a BSc and MSc in Geodesy from Laval University in Quebec City.

- **Paul Rooney / Federal Emergency Management Agency**

Paul Rooney is a Mapping Technology Specialist in the Risk Analysis Division of the Federal Emergency Management Agency. He is responsible for providing technical leadership on mapping and GIS issues for the National Flood Insurance Program (NFIP). He is also responsible for the coordination of mapping activities with other Federal Agencies through participation in the 3D Elevation Program and the National Digital Orthophoto program.

- **Stephen Malys / National Geospatial-Intelligence Agency**

Steve Malys serves as the NGA Senior Scientist for Geodesy and Geophysics. He earned a B.S. in Earth Sciences from Penn State in 1981 and an M.S. in Geodetic Science from Ohio State in 1988. He represents NGA on the DoD Positioning, Navigation and Timing Executive Committee and the International Committee on GNSS. He is a founding member of the editorial board for the journal: GPS Solutions.

- **Kari Craun / U.S. Geological Survey**

Kari Craun is the Director of the National Geospatial Technical Operations Center. This Center is part of the National Geospatial Program (NGP) of the U.S. Geological Survey. The NGP is responsible for creating and maintaining base geospatial data for the United States. Ms. Craun has a B.S. in Geology from the University of Missouri-Kansas City; an M.S. in Civil

Engineering from Purdue University; and an M.S. in Geospatial Information Science from Northwest Missouri State University. She is a Past President of both the American Society for Photogrammetry and Remote Sensing and the Cartographic and Geographic Information Society.

- **Jim Garster / U.S. Army Corps of Engineers**

Jim Garster is a Survey Engineer with the US Army Corps of Engineers (USACE) Army Geospatial Center. Jim is the lead for the USACE Surveying and Mapping Community of Practice and the Survey Engineering and Mapping Technical Center of Expertise. Over the past 22 years, Jim has worked on various Survey/Geospatial Engineering related activities within the USACE and has been involved with developing surveying and mapping guidance/policy, training courses, and workshops as well as successfully completing various R&D projects for the US Army Corps of Engineers.

- **George Sempeles / Federal Aviation Administration**

George Sempeles is an Aeronautical Information Specialist and an Air Traffic Safety Inspector for the FAA's Air Traffic Safety Oversight Service. Previous to his current position, he was a Cartographer of which for 5 years he managed the FAA's Aeronautical Survey Program (in close cooperation with NGS). He has worked for the Federal Government since college graduation (1980) and is in his 35th year of Federal service.

- **Gavin Schrock / Seattle Public Utilities**

Gavin Schrock, PLS is the administrator of the Washington State Reference Network a regional cooperative GNSS network (RTN) in the Pacific Northwest. He has worked in surveying, mapping, monitoring, remote sensing, and data management for over three decades in the civil, utility, and resource/asset management disciplines.

- **Gary Thompson / North Carolina Department of Public Safety**

Mr. Gary W. Thompson is the Chief of the North Carolina Geodetic Survey/Risk Management/NC Emergency Management. He has held a professional license as a Professional Land Surveyor (PLS) in North Carolina since 1980. He has served as president of both the North Carolina Society of Surveyors (NCSS) and the National Society of Professional Surveyors (NSPS). He is currently serving as treasurer of the National Council of Examiners for Engineering and Surveying (NCEES), chair of the North Carolina Boundary Commission, and an emeritus member of the North Carolina Board of Examiners for Engineers and Surveyors (NCBELS).

- **Amar Nayegandhi /Dewberry**

Mr. Nayegandhi is Associate Vice President and Director of Remote Sensing at Dewberry. He oversees the remote sensing services line for Dewberry's geospatial contracts with federal, state, and private clients. With over 16 years of experience, he is a recognized expert in

topographic and bathymetric LiDAR data acquisition and processing. Amar has a Bachelor's degree in Electrical Engineering and a Master's degree in Computer Science. He is an ASPRS Certified Photogrammetrist and Certified Mapping Scientist – Remote Sensing.

- **Brent Jones / Esri**

Based in Washington D.C., Brent Jones oversees Esri's worldwide strategic planning, business development, and marketing activities for land records, cadastral, surveying, and land administration. Jones specializes in modernizing existing land administration systems and designing new GIS-based cadastral management platforms for small and large governments across the globe.